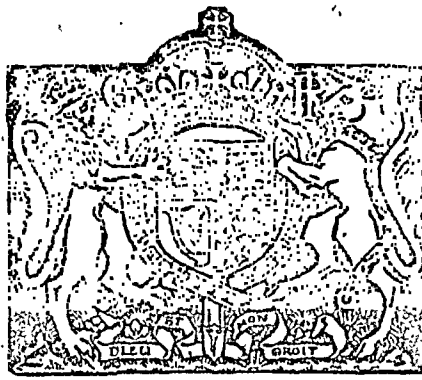






# Revenue Report on the Irrigation Works of the Ajmer- Merwara District

For the Year 1923-24



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# RAJPUTANA PROVINCE.

## Public Works Department.

### IRRIGATION BRANCH.

#### Chief Commissioner's Review of the Revenue Report on Irrigation Works in Ajmer-Merwara for the year 1923-24.

No. 104-S.

*Dated Camp Ajmer, the 13th April 1925.*

READ—

Letter No. 1769, dated the 30th January 1925 from the Commissioner of Ajmer-Merwara forwarding the Revenue Report on Irrigation Works in Ajmer-Merwara for the year 1923-24, together with the usual appendices.

#### OBSERVATIONS.

1. The average rainfall during the year was 15.92 inches as against 16.57 inches in 1922-23 and a normal of 21 inches.

2. From the Irrigation point of view, the year under report was fairly satisfactory, the outturn of Rabi and Kharif harvest being fair. The total gross revenue assessed for the year amounted to Rs. 93,790 as compared with Rs. 1,26,769 for 1922-23.

The financial results of the year are tabulated below :—

Sub-collectorate.	TOTAL CAPITAL OUTLAY INCLUDING DIRECT CHARGE.		GROSS REVENUE COLLECTIONS.			WORKING EXPENSES.			Net Revenue.	Percentage of net revenue on capital at end of 1923-24.
	During the year.	To end of the year.	Irrigation Revenue.	Miscellaneous receipts.	Total.	Direct.	Indirect.	Total.		
Ajmer . . . . .	...	18,01,805	36,018	3,380	39,428	57,645	3,505	61,150	—21,722	—1.17
Beawar . . . . .	...	11,94,229	33,814	1,285	35,099	15,702	858	16,560	18,539	1.55
Todgarh . . . . .	...	4,91,899	21,601	392	21,993	24,334	1,371	25,705	—3,712	—0.75
Total for 1923-24 . . .	...	35,47,933	91,463	5,057	96,520	97,681	5,734	1,03,415	—6,895	—0.19
Total for 1922-23 . . .	1,952	35,47,933	99,202	4,733	1,03,935	1,20,124	5,925	1,26,049	—22,114	—0.62

Two diagrams of financial and working records are attached.

3. The following table compares the irrigation revenue assessed for the year 1923-24 with the area irrigated and protected :—

Sub-collectorate.	Irrigation Revenue Assessed.	AREA IN ACRES.			
		Irrigated.	Protected.	Total.	Assessment per acre.
	Rs.	Acres.	Acres.	Acres.	Rs.
Ajmer . . . . .	34,930	4,403	1,453	5,851	5.90
Beawar . . . . .	30,658	2,662	3,849	6,511	4.71
Todgarh . . . . .	23,053	2,282	1,674	3,958	5.82
Total for 1923-24 . . . . .	88,641	9,347	6,983	16,330	5.43
Total for 1922-23 . . . . .	88,207	9,824	8,785	18,609	4.74

The Irrigation Revenue assessed includes all assessments due to protected as well as irrigated areas; and also the fixed yearly assessment of—

(a) Rs. 35,798 on crops irrigated from wells, and (b) Rs. 7,395 on account of difference between dry and wet rates.

Of the area irrigated, 6,367 acres were cultivated under Kharif, and 2,980 acres under Rabi, as compared with 5,943 and 3,881 acres, respectively, in 1922-23.

No remissions were made during the year under report.

The outstandings of revenue demand at the end of 1923-24 aggregated Rs. 19,751.

4. The working expenses were distributed as follows :—

Details of Working Expenses.	1922-23.	1923-24.	Difference Increase (+) Decrease (-).
Extensions and Maintenance . . . . .	75,982	69,337	-17,625
Establishment . . . . .	42,074	41,593	-481
Tools and Plant . . . . .	1,628	1,513	-115
Expense . . . . .	541	-3,762	-4,303
Recoveries on revenue account . . . . .	-31	...	+31
Leave and Pensionary charges . . . . .	5,165	5,150	-15
Audit and Accounts Establishment . . . . .	760	584	-176
Total . . . . .	1,26,949	1,03,415	-22,634

The working expenses per acre irrigated and protected fell from 6.77 in 1922-23 to 6.33 in 1923-24. The decrease is due to less expenditure on Extensions, Improvements and Repairs to Tanks.

5. The value of crops raised on 16,330 acres during the year 1923-24 was estimated at Rs. 4,54,865. The principal crops were cotton, barley, maize, mixed grains and wheat, and their estimated values were Rs. 1,23,152, 1,09,131, 84,871, 61,249 and 29,696, respectively.



During the year experiments were made to ascertain the outturn of cotton and barley in the Ajmer Tahsil, and of maize, cotton and barley in the Beawar and Todgarh Tahsils. The results are shown in Statement VI prescribed under Rule 49 of the Irrigation Rules.

ORDERED.—That this review together with the papers read in the preamble, be printed and 12 copies furnished to the Government of India under a covering letter, and 2 advance copies each to the Public Works and Revenue and Statistics Department of the India Office.

CHHUTAN LAL,

*Secretary to the Honourable the Chief  
Commissioner in the P. W. Depart-  
ment, Ajmer-Merwara.*

*Dated 26th March 1925.*

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# Revenue Report on the Irrigation Works of the Ajmer-Merwara District for the year ending on the 31st March 1924.

I. *Rainfall.*—The average rainfall during the year 1923-24 was 15 inches 92 cents as against 16 inches and 57 cents in the previous year, the normal being 21 inches.

During the year under report (which comprises Rabi 1330 Fasli and Kharif 1331 Fasli) the outturn was fair.

II. *Classification of Tanks.*—There was no change in the classification of tanks.

III. *Capital outlay.*—The total capital outlay to the end of March 1924 amounted to Rs. 35,47,933.

No expenditure was incurred during the year under report.

IV. The gross revenue assessed is compared below with the figures of the previous five years:—

	1923-23.	1923-24.
	Rs.	Rs.
Ajmer . . . . .	58,097	38,225
Merwara . . . . .	68,325	55,297
Public Works Department . . . . .	347	268
	<u>1,26,769</u>	<u>93,790</u>

## Gross Revenue:—

	Rs.
1923-24 . . . . .	93,790
1922-23 . . . . .	1,26,769
1921-22 . . . . .	1,14,812
1920-21 . . . . .	1,12,127
1919-20 . . . . .	1,12,129
1918-19 . . . . .	92,388

The assessments of 1923-24 and 1922-23 for the different classes of tanks are compared as follows:—

Class of tanks.	1922-23.			1923-24.			Difference between the figures of 1922-23 and 1923-24.
	Ajmer.	Merwara.	Total.	Ajmer.	Merwara.	Total.	
Crop rate tanks . . . . .	2,185	3,490	5,675	2,263	5,228	7,491	+1,816
Variably assessed and fixed tanks.	18,929	20,410	39,339	16,691	21,236	37,957	—1,382
Share of well assessment and difference between dry and wet rates.	15,970	27,317	53,193	15,970	27,217	43,193	...
Miscellaneous . . . . .	2,302	2,007	4,309	3,295	1,686	4,981	+572
<b>Total</b> . . . . .	<b>39,392</b>	<b>53,124</b>	<b>92,516</b>	<b>38,225</b>	<b>55,297</b>	<b>93,522</b>	<b>+1,006</b>
<i>Add amount realised by P. W. D.</i>	238	19	347	153	107	260	—77
<b>GRAND TOTAL</b> . . . . .	<b>39,630</b>	<b>53,173</b>	<b>92,803</b>	<b>38,384</b>	<b>55,404</b>	<b>93,788</b>	<b>+517</b>

There was insufficient water in tanks and wells for irrigation purposes as in last year; hence no appreciable increase in the assessment.

V. The total area assessed for both the harvests amounted to 16,330 $\frac{1}{2}$  acres as against 18,609 $\frac{1}{2}$  acres in the preceding year.

The area is compared below with the figures of the previous five years :—

Years.	Acres.
1918-19 . . . . .	14,551 $\frac{7}{8}$
1919-20 . . . . .	26,891 $\frac{5}{8}$
1920-21 . . . . .	24,397
1921-22 . . . . .	23,431 $\frac{1}{5}$
1922-23 . . . . .	18,609 $\frac{1}{2}$
1923-24 . . . . .	16,330 $\frac{1}{2}$

The figures of Kharif and Rabi cultivation for the two previous years are compared below with those of 1923-24 :—

Year.	Kharif, Acres.	Rabi, Acres.	Total, Acres.
1921-22 . . . . .	11,595 $\frac{3}{4}$	11,835 $\frac{7}{8}$	23,431 $\frac{1}{5}$
1922-23 . . . . .	9,192 $\frac{1}{2}$	9,417 $\frac{1}{2}$	18,609 $\frac{1}{2}$
1923-24 . . . . .	10,078 $\frac{1}{2}$	6,252	16,330 $\frac{1}{2}$

VI. The following table shows the figures of demand, collection and balance of the year 1923-24 as compared with those of the previous five years :—

District or Tahsil.	Assessment of the year.	BALANCE OF LAST YEAR			DEDUCTIONS FOR THE YEAR.					Actual collection.
		Due at the end of the year.	Not due at the end of the year.	Total.	Balance due at the end of the year.	Balance not due at the end of the year.	Remissions.	Adjustment of excess collection.	Total.	
Ajmer . . . . .	38,225	1,196	6,682	46,103	832	5,928	...	...	6,760	39,343
Beawar . . . . .	31,872	...	10,452	42,324	...	7,298	...	...	7,298	35,028
Todgarh . . . . .	23,425	...	4,213	27,638	...	5 5	...	...	5,695	21,973
Total . . . . .	93,522	1,196	21,377	1,16,095	832	18,919	...	...	19,751	96,344
Add outturn realised by the Public Works Department.	268	...	...	268	...	...	...	...	...	268
GRAND TOTAL . . . . .	93,790	1,196	21,377	1,16,363	832	18,919	...	...	19,751	96,612
<i>Figures for.</i>										
1922-23 . . . . .	92,863	2,168	31,738	1,21,769	969	21,376	...	...	22,345	1,04,424
1921-22 . . . . .	1,14,812	2,196	30,607	1,47,615	2,168	31,600	...	...	33,768	1,13,840
1920-21 . . . . .	1,12,127	1,320	38,354	1,51,801	2,196	30,607	...	...	32,803	1,18,998
1919-20 . . . . .	1,12,129	10,760	13,463	1,36,352	1,320	38,355	8,143	...	47,818	88,534
1918-19 . . . . .	92,358	2,112	53,898	1,47,368	12,500	13,451	...	...	25,951	1,21,418

VII. *Remissions*.—No remissions were made during the year under report.

VIII. *Working expenses*.—The working expenses amounted to Rs. 1,03,415, as against 1,26,049 in 1922-23 and 1,15,299 in 1921-22.

The details of expenditure in accordance with the statement furnished by the Accountant General, Public Works Department, are as follows.—

(a) Revenue management . . . . .	7,387
(b) Cost of maintenance* . . . . .	90,294
(c) Indirect charges . . . . .	5,734
Total . . . . .	1,03,415
* Works and repairs . . . . .	53,337
Establishment . . . . .	34,206
Tools and Plant . . . . .	1,513
Sundries . . . . .	3,763
Total . . . . .	90,294

The expenditure during the year as compared with that in the previous year shows a decrease of Rs. 22,634 in the Ajmer, Beawar and Todgarh Sub-Collectorates.

IX. *Percentage on Revenue and Area Assessed*.—The working expenses, which amounted to Rs. 1,03,415, were more than the gross revenue assessed by Rs. 9,625.

The incidence of the working expenses on the area assessed was Re. 1 on 15 acre.

X. *Actual collections and expenditure of the year's working*.—The actual revenue collected amounted to Rs. 96,612 and the working expenses to Rs. 1,03,415, showing a deficit of Rs. 6,803.

XI. *Experimental cuttings*.—During the year under report experiments were made to ascertain the outturn of cotton, barley, and maize and the results are shown in statement VI prescribed under rule 49 of the Irrigation rules.

XII. *Area and value of different kinds of crops*.—The total area and estimated value of the produce of different kinds of crops irrigated in 1923-24 as compared with those of 1922-23 are shown below :—

District.	CROP RATE TAXES.		FIXED AND VARIABLE TAXES.		TOTAL FOR 1923-24.		TOTAL FOR 1922-23.	
	Area.	Estimated value.	Area.	Estimated value.	Area.	Estimated value.	Area.	Estimated value.
	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
Ajmer . . . . .	634½	15,395	5,927	84,973	5,861½	1,28,368	7,576½	2,54,161
Merwara . . . . .	1,527½	59,674	8,711½	2,68,024	10,449½	3,26,438	11,234½	3,70,804
Total . . . . .	2,362	1,05,269	13,968½	3,42,527	16,311	4,54,806	18,811½	6,24,965

E. C. GIBSON, I. C. S.,

Commissioner, Ajmer-Merwara

## IRRIGATION WORKS IN RAJPUTANA.

Memo. explaining the decrease in the working expenses of 1923-24 compared with those of 1922-23.

Working expenses	1922-23	1923-24	Difference between the actuals of 1922-23 and 1923-24.	Explanation of difference.
Salaries and allowances . . . . .	75,612	68,957	-17,625	Lower expenditure in all the sub-collectorates accounts for the decrease.
Small contract . . . . .	32,674	31,593	-1,481	
Tools and Plant . . . . .	1,525	1,513	-115	
Subsistence . . . . .	541	-3,782	-4,363	
Expenditure on Material Account . . . . .	-24	...	4 81	
Lease and preliminary charges . . . . .	6,165	6,159	-15	
Arbitration and Amortisation . . . . .	761	581	-176	
<b>Total</b> . . . . .	<b>1,15,043</b>	<b>1,07,415</b>	<b>-12,634</b>	

H. B. RAU,  
Accountant General,  
United Provinces.

**DURING THE YEAR.**

TO END OF THE YEAR

# I-C.

## Statement showing the Financial Results of Irrigation Works in Rajputana for the year ending the 31st March 1924.

Realisations under main heads of Revenue and Working Expenses.

REVENUE (ACTUAL RECEIPTS).										WORKING EXPENSES.																		
Names of works.	IRRIGATION.				Navigation.	Plantation.	Water power.	Miscellaneous.	Total.	Deduct—Refunds.	Gross Receipts less Re-	REVENUE MANAGEMENT.				MAINTENANCE.												
	Water rates directly paid.	Portion of land revenue due to works.	Total.	Establishment.								Total.	Works.	Repairs.	Sundries.	Tools and Plant.	Plantation.	Total cost of maintenance.	Indirect charges.	Grand Total Working Expenses.								
				Direction.																	Executive.	Navigation.	Civil Officers.	Total Management.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
A.—IRRIGATION WORKS. (2) Unproductive Works. Tanks in Ajmer Sub-Collectorate. Tanks in Beawar Sub-Collectorate. Tanks in Todgarh Sub-Collectorate.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
	4,255	51,793	36,049	..	..	..	3,880	39,428	..	39,428	..	..	..	3,279	3,279	6,684	14,456	..	21,140	19,106	22,915	—3,762	935	..	54,366	3,505	61,150	—21,722
	5,248	28,566	33,814	..	..	..	1,285	35,099	..	35,099	..	..	..	2,486	2,486	1,520	3,256	..	4,806	1,452	6,745	..	213	..	13,216	858	16,560	18,539
	2,956	18,645	21,601	..	..	..	392	21,993	..	21,993	..	..	..	1,622	1,622	2,612	5,648	..	8,260	4,767	9,320	..	365	..	22,712	1,371	25,705	—3,712
TOTAL	12,459	99,004	91,463	..	..	..	5,087	96,520	..	96,520	..	..	..	7,387	7,387	10,816	23,390	..	34,206	19,327	33,010	—3,762	1,513	..	90,204	5,734	1,03,415	—6,895

H. B. RAU,

Accountant General, United Provinces.

## RAJPUTANA PROVINCE.

Statement showing the Financial results of Irrigation Works for, and up to the end of, 1923-24.

H. B. KAU,  
*Accountant General, United Provinces.*



**Demands and realisations during the year 1923-24 in Ajmer-Merwara District.**

Classes of works.	BALANCE OF DEMAND UNREALISED AT COMMENCEMENT OF THE YEAR.			DEMANDS OF THE YEAR.							Total including balance at commencement of the year.	Deduct—Remissions not including cash refunds.	Net Total.	Deduct—Amount UN-REALISED AT THE CLOSE OF THE YEAR.		Actual receipt of the year.	REMARKS.
	Due.	Not due on account of Rabi.	Total.	Water Revenue.		Share of well assessments.	Difference between dry and wet areas.	Miscellaneous	Total.								
				Kharif.	Rabi.												
1	2	3	4	5	6	7	8	9	10	11.	12	18	14	15	16	17	
CROP RATE TANKS.																	
Ajmer Sub-Collectorate	846	1,003	1,849	899	1,424	...	...	814	3,077	4,926	...	4,926	745	1,424	2,757		
Beawar do.	...	1,621	1,624	827	817	...	...	296	1,910	3,564	...	3,564	...	817	2,747		
Todgarh do.	...	807	807	1,194	2,390	...	...	148	3,732	4,539	...	4,539	...	2,390	2,149		
Total	846	3,434	4,280	2,860	4,631	...	...	1,258	8,749	13,029	...	13,029	745	4,631	7,653		
FIXED AND VARIABLY ASSESSED OLD TANKS.																	
Ajmer Sub-Collectorate	350	5,679	6,029	12,187	4,504	12,471	3,505	2,481	35,148	41,177	...	41,177	87	4,504	36,586		
Beawar do.	...	8,828	8,828	8,461	6,480	10,769	3,304	916	29,932	38,760	...	38,760	...	6,479	32,281		
Todgarh do.	...	3,486	3,486	3,020	3,305	12,558	586	224	19,693	23,129	...	23,129	...	3,305	19,824		
Total	350	17,943	18,293	23,668	14,289	35,798	7,395	3,623	84,773	1,03,066	...	1,03,066	87	14,288	88,691		
GRAND TOTAL	1,196	21,377	22,573	26,528	18,920	35,798	7,335	4,681	93,622	1,16,095	...	1,16,095	882	18,919	96,344		

**E. C. GIBSON, I.C.S.,**  
*Commissioner, Ajmer-Merwara.*

# IV-C.

Statement showing the Financial Results of Irrigation Works in Ajmer-Merwara for the year 1923-24, based on assessment of the year.  
Principal results and operations for the year ended 31st March 1924.

REVENUE ASSESSMENT DURING THE YEAR.														
Class of works.	Capital out- lay (direct and indirect) to end of year.	DIRECT REVENUE.			INDIRECT REVENUE.				Grand total.	Working Expenses, (direct and indirect).	Net assessed revenue of the year.	Percentage on Capital Outlay to end of year.	Remarks.	
		Water Revenue.	Miscellaneous.	Total.	Water Revenue.	Share of well assessment.	Difference between dry and wet rates.	Total.						
														Rs.
CEOR HATI TANKS.														
Ajmer Sub-Collectorate . . .	...	Rs. 2,263	Rs. 814	Rs. 3,077	Rs. ...	Rs. ...	Rs. ...	Rs. ...	Rs. 3,077	Rs. 1,237	Rs. 1,840	...	...	...
Barwar do. . . . .	...	1,614	206	1,840	...	...	...	...	1,840	608	1,332	...	...	...
Todgarh do. . . . .	...	3,584	148	3,733	...	...	...	...	3,732	474	3,258	...	...	...
Total . . . . .	...	7,491	1,238	8,749	...	...	...	...	8,749	2,319	6,430	...	...	...
FIELD AND VALLEY ASSESSED OLD TANKS.														
Ajmer . . . . .	...	2,312	2,431	4,793	14,370	12,471	3,505	30,365	35,148	79	35,069	...	...	...
Barwar . . . . .	...	2,506	918	3,314	12,545	10,769	3,304	26,618	39,932	127	29,805	...	...	...
Todgarh . . . . .	...	906	224	1,130	6,410	12,658	686	18,663	19,699	49	19,644	...	...	...
Total . . . . .	...	6,614	3,623	9,237	32,343	35,798	7,305	75,636	84,773	265	84,518	...	...	...
GRAND TOTAL . . . . .	...	13,105	4,861	17,966	32,343	35,798	7,395	75,630	93,622	2,574	90,948	...	...	...

# P. W. D. Statement I. E.

Statement of areas irrigated by Irrigation works in the Ajmer-Merwara District, during the year 1923-24.

Name of Works.	AREAS IRRIGATED IN ACRES.							AVERAGE DISCHARGE. CUBIC FEET PER SECOND.				AREA IRRIGATED. CUBIC FEET PER SECOND.				REMARKS.
	Kharif.	Rabi.	Total.	Flow.	Lift.	DOUBLE CROPPED.		At Head.	UTILISED.		DISCHARGE AT HEAD.		UTILISED.			
						Area irrigated.	Percentage total area.		Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Bir Tank . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3 M. Cubic Foot.
Rajasi Tank . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.50 " "
Jalia New Tank . . . . .	0	136	145	...	145	...	...	...	...	...	...	...	...	...	...	There was no water in tank. Irrigation was done by lift.
Pahad Old and New Tank . . . . .	11	151	261	...	261	...	...	...	...	...	...	...	...	...	...	
Chaur Tank . . . . .	15	181	301	...	301	...	...	...	...	...	...	...	...	...	...	

E. C. GIBSON, I.C.S.,  
Commissioner, Ajmer-Merwara.

Statement showing incidence of Working Expenses and assessed Water Revenue on Irrigation works in Ajmer-Merwara, during the year 1922-23.

Class of works.	Average discharge of the year at duct head in cubic feet per second.	WATER REVENUE ASSESSED.				Working expenses Direct and Indirect.	Area Irrigated during the year.	WORKING EXPENSES.		WATER REVENUE PER ACRE IRRIGATED.		REMARKS.
		Direct.	Indirect.	Miscellaneous.	Total.			Per cent. on Gross Revenue.	Per acre Irrigated.	Direct.	Indirect.	
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>CROP RATE TANKS.</b>												
Ajmer Sub-Collectorate . . . .	...	Rs. 2,263	...	814	3,077	Rs. 1,237	483½	40.2	2.5	Rs. 4.6	...	
Beawar " . . . .	...	1,644	...	296	1,940	608	394½	31.3	1.5	4.1	...	
Todgarh " . . . .	...	3,584	...	148	3,732	474	716	12.7	.7	5.	...	
<b>TOTAL</b> . . . .	...	7,491	...	1,258	8,749	2,319	1,594½	20.5	1.4	4.7	...	
<b>FIXED AND VARIABLY ASSESSED TANKS.</b>												
Ajmer Sub-Collectorate . . . .	...	2,312	30,355	2,481	35,148	79	3,919	.2	.02	.5	7.7	
Beawar " . . . .	...	2,336	20,618	918	23,932	127	2,267½	.4	.05	1.05	11.7	
Todgarh " . . . .	...	906	18,563	224	19,693	49	1,566½	.2	.03	0.5	11.9	
<b>TOTAL</b> . . . .	...	5,614	75,536	3,623	84,773	255	7,753	.3	0.3	.7	9.8	
<b>GRAND TOTAL</b> . . . .	...	13,105	75,536	4,881	93,522	2,574	9,347½	20.7	.2	1.4	8	

E. C. GIBSON, I.C.S.,

Commissioner, Ajmer-Merwara.

# P. W. D. Statement III.

Statement showing incidence of working expenses and assessed water revenue on tanks in Ajmer and Beawar Tehsils, for the year 1923-24.

Name of work.	WATER RATE ASSESSED.					Gross assessed revenue from all sources.	Working expenses, direct or indirect.	Area irrigated during the year.	WORKING EXPENSES.			OCCUPIER'S RATE.		TOTAL WATER RATE, DIRECT OR INDIRECT.		REMARKS.	
	Occupier's.	Owner's.	Direct.	Indirect.	Total direct and indirect.				Percentage on Gross Revenue.	Per acre irrigated.	Per cubic foot per second of canal.	Per acre irrigated.	Per cubic foot per second of canal.	Per acre irrigated.	Per cubic foot per second of canal.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Bir Tank	...	Rs. A. P. 1 14 0	...	...	...	Rs. ...	Rs. A. 25 0	Rs. A. P. 113 0 0	...	More than cent. per cent.	Rs. A. P. ...	...	Rs. A. P. 1 14 0	...	...	...	...
Pajod Tank	...	...	...	...	...	...	11 0	113 0 0	...	"	...	...	...	...	...	...	...
Jadh Tank	...	...	554	...	554	554 0 0	201 4 0	...	115	31 4	1 6 2	...	4 6 7	...	...	...	...
Pajod Tank and all tanks.	...	...	159	...	159	218 4	179 8 0	...	205	81 2	6 14 5	...	8 2 4	...	...	...	...
Central	...	...	131	...	131	136 2	31 6 0	...	345	22 7	0 14 4	...	3 14 2	...	...	...	...

E. C. GIBSON, I.C.S.,  
Commissioner, Ajmer-Merwara.

Statement of quantity of Crops irrigated and unirrigated in the Ajmer-Merwara District, during the year 1923-24.

Name of Crops	CROP RATE TANKS.										TOTAL	
	AJMER SENS. COLLECTORATE.		MERWAR SENS. COLLECTORATE.		AJMER SENS. COLLECTORATE.		MERWAR SENS. COLLECTORATE.		AJMER SENS. COLLECTORATE.		Irrigated	Unirrigated
	Area	Estimated value	Area	Estimated value	Area	Estimated value	Area	Estimated value	Area	Estimated value		
Gardens and Orchards {	...	...	...	...	...	...	...	...	...	...	...	...
Vegetable and other trees.	...	...	...	...	...	...	...	...	...	...	...	...
Wheat	32	705	...	...	...	...	...	...	...	...	...	...
Barley	230	3,654	...	...	...	...	...	...	...	...	...	...
Sugarcane	...	...	...	...	...	...	...	...	...	...	...	...
Cereals	...	...	...	...	...	...	...	...	...	...	...	...
Rice	79	2,528	...	...	...	...	...	...	...	...	...	...
Wheat	216	253	...	...	...	...	...	...	...	...	...	...
Jowar	50	100	...	...	...	...	...	...	...	...	...	...
Bajra	60	771	...	...	...	...	...	...	...	...	...	...
Gulji	...	...	...	...	...	...	...	...	...	...	...	...
Bajra	...	...	...	...	...	...	...	...	...	...	...	...
Gram	...	...	...	...	...	...	...	...	...	...	...	...
Mung Moth	...	...	...	...	...	...	...	...	...	...	...	...
Chowlas, Ural, etc.	...	...	...	...	...	...	...	...	...	...	...	...
Pulse	...	...	...	...	...	...	...	...	...	...	...	...
Fodder Crops—Lucerne, etc.	...	...	...	...	...	...	...	...	...	...	...	...
Fibres—Cotton	...	...	...	...	...	...	...	...	...	...	...	...
Oil seeds—Til	...	...	...	...	...	...	...	...	...	...	...	...
Drugs and Narcotics {	...	...	...	...	...	...	...	...	...	...	...	...
Tobacco	...	...	...	...	...	...	...	...	...	...	...	...
Opium	...	...	...	...	...	...	...	...	...	...	...	...
Miscellaneous	...	...	...	...	...	...	...	...	...	...	...	...
Land insufficiently irrigated	...	...	...	...	...	...	...	...	...	...	...	...
Zira	...	...	...	...	...	...	...	...	...	...	...	...
Mirach.	...	...	...	...	...	...	...	...	...	...	...	...
Total	634	45,325	813	15,357-1-0	914	31,568-7-1	2,302	1,05,573	527	9,573-1-0	13,829	1,55,156-5-5

E. C. GIBSON, I.C.S.,  
Commissioner, Ajmer-Merwara.

# Comparative Statement of Irrigation and Rainfall for the year 1923-24, in the Ajmer-Merwara District.

Civil District.	OF THE CIVIL DISTRICT.			WORKS SUPPLYING IRRIGATION.		Culturable area com- mended by the Irrigation Works in column 6 in acres.	Area at present estimated as annually irrigable by the works specified in column 6.	AREA IRRIGATED IN ACRES.						RAINFALL, INCHES.	
	Total area in acres	Culturable area in acres.	Cultivated area in acres.	No.	Name.			1922-23.			1923-24.			1922-23.	1923-24.
								Kharif.	Rabi.	Total.	Kharif.	Rabi.	Total.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
CROP RATE TAXES.															
Ajmer-Sub-Collectorate						...	1,497	210	168	408	190	294	484	13'-200"	19'-13"
Bawar						...	1,750	107	289	406	143	251	394	12'-75	11'-2
Tolgarh						...	351	72	157	229	270	445	716	13'-37	17'-87
Total						...	3,598	410	624	1,044	604	994	1,593		
VARIABLE TAXES.															
Ajmer-Sub-Collectorate						12,412	12,916	3,384	686	3,950	2,912	683	3,495		
Bawar						2,318	3,700	439	918	1,387	1,203	218	1,422		
Tolgarh						710	981	115	104	309	270	109	475		
Total						15,440	17,607	3,938	1,704	5,646	4,392	1,071	5,363		
FIXED TAXES.															
Ajmer-Sub-Collectorate						4,869	5,170	989	606	1,535	201	223	424		
Bawar						3,129	3,300	457	369	776	651	104	815		
Tolgarh						1,717	1,957	505	224	726	519	574	1,090		
Total						9,715	10,427	1,951	1,199	3,037	1,371	809	2,300		
GRAND TOTAL						25,216	31,627	6,319	3,624	9,729	6,367	2,384	9,384		

Total—Bawar Civil District, 1923-24, exclusive of the area irrigated by the Bawar Canal, is 11,111 acres. Total—Tolgarh Civil District, 1923-24, exclusive of the area irrigated by the Tolgarh Canal, is 11,111 acres.

E. C. GIBSON,  
Commissioner, Ajmer-Merwara.

# Statement F.

Statement showing the Operations of Irrigation Works in the Ajmer-Morwara District for the year 1923-24.

CLASS OF WORKS.	AMOUNT DUE, 1923-1924.							REMISSIONS.		SUSPENSIONS.		BALANCE.					REMARKS.	
	WATER REVENUE.		Miscellaneous.	Share of Well Assessment.	Difference between wet and dry rates.	Total.	Kharif.	Rabi.	Kharif.	Rabi.	WATER REVENUE.		Miscellaneous.	Share of Chahi Assessment.	Difference between wet and dry rate.	Total		
	Kharif. Pesh.	Rabi.									Kharif.	Rabi.						
CROP RATE TANKS.																		
Ajmer Sub-Collectorate	839	1,424	814	...	...	3,077	...	...	...	...	...	839	1,424	814	...	...	3,077	Rs.
Bewar do.	827	817	296	...	...	1,940	...	...	...	...	...	827	817	296	...	...	1,940	Rs.
Todgarh do.	1,194	2,390	148	...	...	3,732	...	...	...	...	...	1,194	2,390	148	...	...	3,732	Rs.
TOTAL	2,860	4,631	1,258	...	...	8,749	...	...	...	...	...	2,860	4,631	1,258	...	...	8,749	Rs.
VARIABLE AND FIXED TANKS.																		
Ajmer	12,187	4,504	2,481	12,471	3,505	35,148	...	...	...	...	...	12,187	4,504	2,481	12,471	3,505	35,148	Rs.
Bewar	8,461	6,480	918	10,769	3,304	29,932	...	...	...	...	...	8,461	6,480	918	10,769	3,304	29,932	Rs.
Todgarh	3,020	3,305	224	12,558	586	19,693	...	...	...	...	...	3,020	3,305	224	12,558	586	19,693	Rs.
TOTAL	23,668	14,289	3,623	35,798	7,395	84,773	...	...	...	...	...	23,668	14,289	3,623	35,798	7,395	84,773	Rs.
GRAND TOTAL	26,528	18,920	4,881	35,798	7,395	93,522	...	...	...	...	...	26,528	18,920	4,881	35,798	7,395	93,522	Rs.

E. O. GIBSON, I.C.S.,

Commissioner, Ajmer-Morwara.



## Statement of experimental cuttings of crops in Ajmer-Merwara

Tanks.	Village.	Name of Cultivator.	Harvest and area of field.	Area cut.	Distance of field from tanks.	Whether irrigated by lift or flow or number of waterings.	Weight of grain cut.
1	2	3	4	5	6	7	8
AJMER TEHSIL.					Yards.		Mds. s. c.
Saradhna . . .	Saradhna .	Jawahora, son of Shola.	Cotton Kharif, 1331 Fasli field No. 2054, 11 Biswas.	5 Biswas Chobi.	352	Irrigated 4 times	0 24 0
Do. . . .	Do. . . .	Sheonath, son of Goma.	Barley, Rabi, field No. 2762, 11 Biswas.	5 Biswas.	1,760	Irrigated 5 times	1 20 0
Talab Kalan . . .	Ramsar .	Aladin Khan, lambardar.	Cotton Kharif, field No. 646, 2 Bighas, 12 Biswas.	5 Biswas.	880	By flow 3 times.	0 23 0
Boawar Tehsil . . .	Balad . .	Hira and Dewa, sons of Baksha.	Maize, Kharif, field No. 811 and 1331, 2 Bighas, 8 Biswas.	5 Biswas.	120	By lift 2 times .	0 25 0
Do. . . . .	Do. . . .	Uda, son of Bhura.	Cotton Kharif, field 772, 2 Bighas, 8 Biswas.	5 Biswas.	100	Do. . . .	0 10 0
Todgarh Tehsil . . .	Barar . .	Lala, son of Jansa.	Rabi 1331, Barley, 61 Biswas, field No. 7088.	5 Biswas.	500	By flow 3 times.	157 B.

## VI.

during the year 1923-24 (Kharif 1331 and Rabi 1330 Fasli).

Weight of straw cut.	PRODUCE PER ACRE.		VALUE PER ACRE.			Deduct— Expenditure.	Profit.	REMARKS.
	Grain.	Straw.	Grain.	Straw.	Total.			
9	10	11	12	13	14	15	16	17
Mds. s. c.	Mds. s. c.	Mds. s. c.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
...	6 0 0	...	120 0 0	...	120 0 0	100 0 0	20 0 0	
1 10 0	15 0 0	12 20 0	50 0 0	12 8 0	62 8 0	60 0 0	2 8 0	
...	6 10 0	...	140 0 0	...	140 0 0	87 8 0	52 8 0	
1 10 0	6 10 0	12 20 0	18 12 0	6 4 0	25 0 0	22 0 0	3 0 0	
1 10 0	2 20 0	...	40 0 0	...	40 0 0	32 0 0	8 0 0	
119 lbs.	1,970 lbs.	1,190 lbs.	72 0 0	7 0 0	79 0 0	30 0 0	49 0 0	